

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/13965

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ G11B17/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ G11B17/04, G11B23/03

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2003
Kokai Jitsuyo Shinan Koho	1971-2003	Toroku Jitsuyo Shinan Koho	1994-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-50148 A (Sony Corp.), 15 February, 2002 (15.02.02), Full text; Figs. 22 to 41 & US 2002/0031080 A & CN 2353256 A	1-27
A	WO 02/056313 A1 (Matsushita Electric Industrial Co., Ltd.), 18 July, 2002 (18.07.02), Page 97; Figs. 65 to 68 & EP 1274082 A3	1-27

 Further documents are listed in the continuation of Box C. See patent family annex.

- * Special categories of cited documents:
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Date of the actual completion of the international search 26 November, 2003 (26.11.03)	Date of mailing of the international search report 09 December, 2003 (09.12.03)
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer
Facsimile No.	Telephone No.